

## Patent Abstracts of Japan

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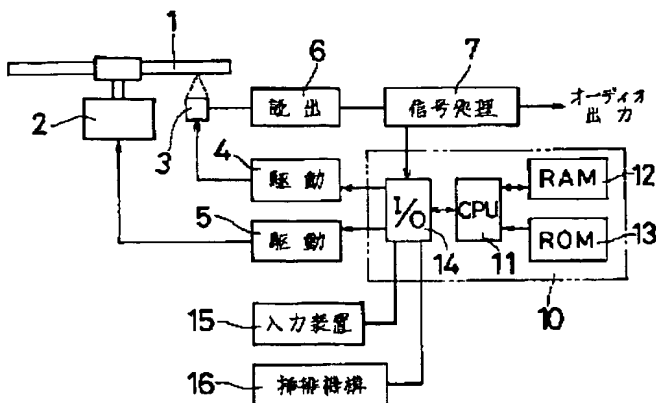
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APPLICANT : FUJITSU TEN LTD;

INVENTOR : SUZUKI SHOZO;

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TITLE : METHOD AND APPARATUS FOR  
STORING TOC INFORMATION OF  
RECORDING MEDIUM



ABSTRACT : PROBLEM TO BE SOLVED: To enhance the access accuracy by storing all TOC information to be stored in a memory means when the total music number in a recording medium is small and to utilize a memory area effectively by storing the upper information of respective music information when the total music number is large.

SOLUTION: In the data region of a CD (compact disk) 1, up to the maximum of 99 musics are recorded. In a lead-in region, the total music number and the start/end addresses of the musics are recorded as TOC information. When the CD 1 is mounted, the TOC information is stored in a RAM 12. The memory capacity of 99 bytes is assigned in the RAM 12. As the threshold values, 33 and 49 are set. When the total music number in the disk is 33 or less (minute), (second) and (frame) for designating the address are stored in the RAM 12 from the TOC information. When the total music number is 49 or less, (minute) and (second) are stored in the RAM 12 from the TOC information. When the total music number exceeds 49, (minute) is stored in the RAM 12 from the TOC information. Thus, the memory means for the limited memory capacity can be effectively utilized.

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